

# Golden Lac

## TECHNICAL DATA SHEET



### Description of the product

**GOLDEN LAC** is an anticorrosive enamel paint based on alkyd resins, recommended for indoor and exterior use. It is ideal for decorative applications.

### Recommended uses

As a final coat for small items on wood, metal, marble, plaster etc. after the appropriate preparation of the surface.

### Technical characteristics

**Resin:** Special synthetic resins

**Density:** 1.36±0.02 gr/ml

(EN ISO 2811.01/20°C)

**Production Viscosity:** 70±10 sec

(DIN 53211/4 mm, 20°C)

**Storage Viscosity:** 80±20 sec

(DIN 53211/4 mm, 20°C)

**Solids b.w.:** 65±3%

(EN ISO 3251)

**Solids b.v.:** 41±2%

(ISO 3233)

**Flash point:** 35±2°C

(EN ISO 1523)

**VOC (Volatile Organic Compounds):** **GOLDEN LAC** belongs to the category A/i SB (One pack performance coatings). EU Limit Value: 500 g/l. The ready to use product contains max. 499 g/l.

### Shades

Available in gold.

### Properties

**Gloss 60°:** 24±2

(EN ISO 2813)

**Adhesion (Cross Cut on metal):** 0-2

(EN ISO 2409)

As a system over PRIMETAL: 0-2

**Adhesion (Pull-off on metal):** > 0.6 MPa

(EN ISO 4624)

**Adhesion (Pull-off on marble):** > 4 MPa

(EN ISO 4624)

**Bend test (Mandrel):** > 4 mm OK

(EN ISO 1519)

**Resistance to salt spray:**

20±5 µm: Very good protection for at least 150 hours

(EN ISO 7253)

40±10 µm: Very good protection for at least 250 hours

**Exposure to fluorescent UV and water:**

No change is noted on the film for at least 300 hours

(EN ISO 11507)

### Spreading rate

**Dry film thickness per coat:** 20±5 µm.

**Spreading rate:** 20±4 m<sup>2</sup>/Lt per coat.

### Application instructions

Surfaces are cleaned either with sandblasting or sand papering from rust, oil, abrasive residues, old paint, etc. For removing or stabilizing the rust, apply **CHROTEX PRERUST** or **RUSTABIL** respectively.

**Metal surfaces:** **GOLDEN LAC** is applied in 2 coats or in 1 coat if an anticorrosive primer (**REDOX**, **GRIDOX**, **PRIMETAL**) is used.

**Wooden surfaces:** it is recommended to apply **GOLDEN LAC** in 1-2 coats. Before the application of **GOLDEN LAC**, **VELATURA** should be applied as a primer.

When a film with greater resistance is needed, it is recommended to apply by brush 1 coat of undiluted **PRIMEX A-1300** as the final coat.

When a gloss interior surface is required, it is recommended to apply by brush or spray 1 coat of **MOBILAC VARNISH** as the final coat.

**Application method:** Brush, spray.

**Diluent:** CHROTEX SPRAY SOLVENT.

**Thinning:** *For application with brush:* No thinning is necessary.

*For spraying:* Dilute up to 5% v/v. [Application viscosity: 45±5 sec (DIN 53211/4 mm, 23°C) or 120±15 sec (EN ISO 2431/4 mm, 23°C)].

Tools are cleaned immediately after the application with CHROTEX Spray Solvent, soap and water.

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#### Drying time

**Set to touch:** 20±4 minutes (ASTM D 1640).

**Dry to touch:** 30±6 minutes.

**Dry through:** 3±1 hours.

**Recoating time:** after at least 12 hours.

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity.

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#### Coating system

In some cases it is recommended to use MOBILAC VARNISH or PRIMEX A-1300 as top coats.

*Other systems may be applied, depending on the application.*

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#### Packaging

Available in 0.2 Lt cans.

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#### Storage

1 year, provided the cans remain closed and in normal storing conditions.

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#### Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

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#### Notes

- It is recommended to avoid application of the product at temperatures below 10°C, greater than 36°C and relative humidity higher than 85%.

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This issue replaces all others*

